

5/43

|  |              |             |
|--|--------------|-------------|
| DART AEROSPACE LTD                                   | Work Order:  | 24634       |
| Description: Wearplate                               | Part Number: | D3321-2     |
| Dwg: D3321 Rev. A page 1<br>B 05.10.21 <del>PH</del> | Qty:         | 10          |
|  |              | Page 1 of 1 |

| Step | Location | Procedure   | By  | Date     | Qty |
|------|----------|---|-----|----------|-----|
| 1    | DC       | Issue Traveler  | PH  | 05.10.21 | 10  |
| 2    | PG       | Issue P/O: 2008213<br><b>Email or Ship DXF file to vendor</b><br>Laser Cut flat pattern per Dwg D3321<br>Possible Supplier: Industrial Laser<br><b>Material release note is required</b>                                |     |          |     |
| 3    | RG       | Receive and inspect for transit damage<br><b>Ensure material release note is attached</b>   | CL  | 05/10/21 | 10  |
| 4    | QC6      | Inspect dimensions as per inspection template D3321-2T1   | VB  | 05.11.17 | 10  |
| 5    | GA       | Deburr if necessary   |     | N/A      |     |
| 6    | GB       | Form using DT8179 Die as per Dwg D3321<br>Dwg Rev: B  | SB  | 05/11/17 | 10  |
| 7    | QC6      | Inspect dimensions as per Dwg D3321   |     | 05.12.01 | 10  |
| 8    | WS       | Weld hard surface using D3321-2T3 as per QSI 004 and Dwg D3321<br>Dwg Rev: B<br>Qty Part Number Description Batch<br>A/R N/A 7560 Hardcoat Rod M19174   | CPL | 05.12.20 | 10  |
| 9    | QC9      | Inspect weld  | AD  | 05/12/20 | 10  |
| 10   | FP       | Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3  | MM  | 05.12.21 | 10  |
| 11   | QC3      | Inspect Powder Coat   | CL  | 05/04/03 | 10  |
| 12   | ST       | Identify on inside surface using a permanent fine point marker with the following:<br><b>TCCA-PDA, Dart Aerospace Ltd.</b><br><b>P/N: D3321-2, B/N: BXXXXX</b><br><b>For Product Eligibility see PDA04-17 and Stock</b> |     | 06/01/03 | 10  |
| 13   | AC       | Cost / part:  | SAC | 06-01-04 | 10  |
| 14   | DC       | Close W/O<br>Inspect Level 21   | Q   | 06/01/04 | 10  |

| Rev | Date     | Change    | Revised By | Approved |
|-----|----------|-----------|------------|----------|
| A   | 05.05.12 | New issue | KJ/JLM     |          |

PRELIMINARY ISSUE

| W/O: |      | WORK ORDER CHANGES |  |    |      |     |                                 |                          |
|------|------|--------------------|--|----|------|-----|---------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   |  | By | Date | Qty | Approval<br>Mfg / Design<br>Mgr | Approval<br>QC Inspector |
|      |      |                    |  |    |      |     |                                 |                          |
|      |      |                    |  |    |      |     |                                 |                          |

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                  |                |                           |                        |                          |
|------|------|----------------------------------|-----------------------------|----------------------------------|----------------|---------------------------|------------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                  |                | Verification<br>Section C | Approval<br>Design Mgr | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Design Mgr       | Action Description<br>Design Mgr | Sign &<br>Date |                           |                        |                          |
|      |      |                                  |                             |                                  |                |                           |                        |                          |
|      |      |                                  |                             |                                  |                |                           |                        |                          |
|      |      |                                  |                             |                                  |                |                           |                        |                          |

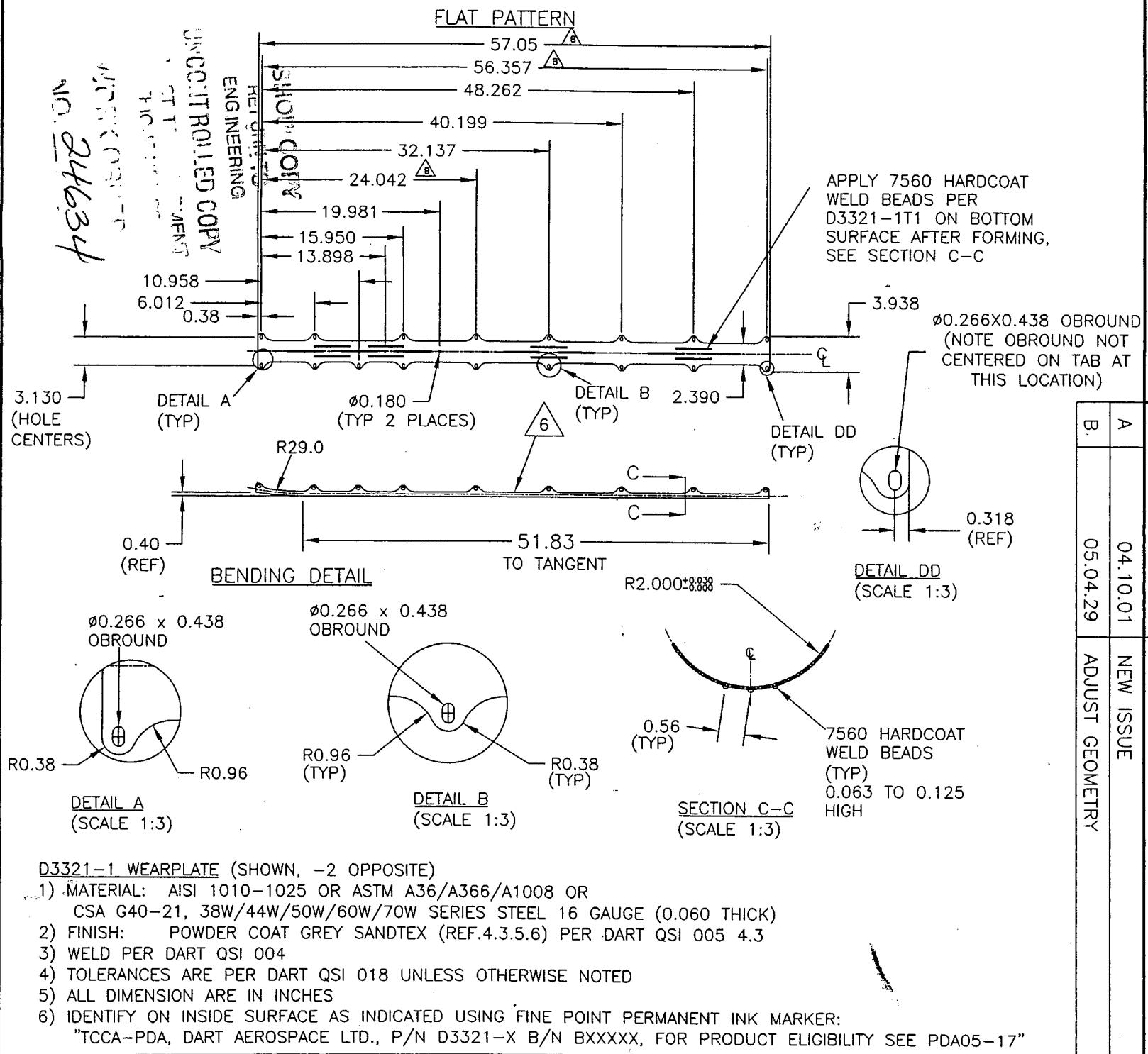
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes  No  DQA 

Date: 06/01/04

NOTE: Date & initial all entries

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

PRELIMINARY DRAFT



| DESIGN   | DRAWN BY | DART AEROSPACE LTD. |
|----------|----------|---------------------|
| CHECKED  | APPROVED | DRAWING NO.         |
| DATE     |          | TITLE               |
| PH       | PH       | D3321               |
| 05.04.29 | 04.10.01 | WEARPLATE           |
| A        | 05.04.29 | NEW ISSUE           |
| B.       |          | ADJUST GEOMETRY     |
|          |          | 1:15                |
|          |          | REV. B              |
|          |          | SHEET 1 OF 2        |
|          |          | SCALE               |

D3321-1 WEARPLATE (SHOWN, -2 OPPOSITE)

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 16 GAUGE (0.060 THICK)
- 2) FINISH: POWDER COAT GREY SANTEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) WELD PER DART QSI 004
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSION ARE IN INCHES
- 6) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER:  
"TCCA-PDA, DART AEROSPACE LTD., P/N D3321-X B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-17"

Job Costing Report

Dart Aerospace Ltd.  
Hawkesbury

Oct 20, 2005  
04:09 pm

Work Order No : 0024634  
Project Name : D3321-2  
Project For : WK543  
Work Order Type : Main  
Main WO Number :  
House Part Number : D3321-2  
Description : Wearplate, RH Fwd LH Mid  
Manufactured : Yes  
Amount Req'd : 10  
Amount Done : 0  
Start Date : 10-20-05  
Est Finish Date : 10-31-05  
Act Finish Date :  
Drawings Reqd : No  
Ok for Approval :  
Approval Rec'd :

Department Code:  
Burden Flags : NNNNNNN  
WO Status : Open  
Invoice State : Not Invoiced  
Invoice Date :  
Invoice Number :  
Invoice Amount : 0.00  
Order Entry No :  
OE Value : 0.00  
Est Mark Up : 0.000%  
Actual Mark Up : 0.000%  
\$0 Posted to Finished Goods

|                   | Estimated | Actual | Var. % | Posted | To Post |
|-------------------|-----------|--------|--------|--------|---------|
| Material Cost     | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| Engineering Hours | 0.00      | 0.00   | 0.00   |        |         |
| Engineering Cost  | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| Production Hours  | 0.00      | 0.00   | 0.00   |        |         |
| Production Cost   | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| Packaging Hours   | 0.00      | 0.00   | 0.00   |        |         |
| Packaging Cost    | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| OverHead Hours    | 0.00      | 0.00   | 0.00   |        |         |
| OverHead Cost     | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| CNC Hours         | 0.00      | 0.00   | 0.00   |        |         |
| CNC               | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| Misc. Hours       | 0.00      | 0.00   | 0.00   |        |         |
| Misc.             | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| Burden            | 0.00      | 0.00   | 0.00   |        |         |
| Total Cost        | 0.00      | 0.00   | 0.00   |        |         |
| Mark up           | 0.000     | 0.000  |        |        |         |
| Selling Cost      | 0.00      | 0.00   |        |        |         |

|                        | Estimated | Actual |
|------------------------|-----------|--------|
| Labour Hrs/Amount Done | 0.00      | 0.00   |
| Profits/ (Loss)        | 0.00      | 0.00   |

Date: Saturday, 11/19/2005 8:08:28 AM  
 User: Linda Lacelle

## Process Sheet

|                       |                                       |          |                   |                  |                |      |    |
|-----------------------|---------------------------------------|----------|-------------------|------------------|----------------|------|----|
| Customer              | : CU-DAR001 Dart Helicopters Services |          |                   | Drawing Name     | : WEARPLATE    |      |    |
| Job Number            | : 24634                               |          |                   | Part Number      | : D33212       |      |    |
| Estimate Number       | : 10761                               |          |                   | Drawing Number   | : D3321 REV. B |      |    |
| P.O. Number           | :                                     |          |                   | Project Number   | :              |      |    |
| This Issue            | : 11/19/2005                          | S.O. No. | :                 | Drawing Revision | : B            |      |    |
| Prsh Rev.             | : NC                                  |          |                   | Material         | :              |      |    |
| First Issue           | : / /                                 | Type     | : PURCHASED PARTS | Due Date         | : 11/26/2005   | Qty: | 10 |
| Previous Run          | : 23344                               |          |                   | Um:              | Each           |      |    |
| Written By            | :                                     |          |                   |                  |                |      |    |
| Checked & Approved By | :                                     |          |                   |                  |                |      |    |
| Comment               | : Est: A 05.05.12 New issue KJ/JLM    |          |                   |                  |                |      |    |

## Additional Product

Job Number:



| Seq. #:  | Machine Or Operation: | Description :                 |
|--|-----------------------|-------------------------------|
| 1.0  | PG                    | PURCHASING                    |
|  |                       |                               |
| <b>Comment:</b> PURCHASING<br>Issue P/O: _____<br>Email or Ship DXF file to vendor<br>Laser Cut flat pattern per Dwg D3321<br>Possible Supplier: Industrial Laser<br>Material release note is required |                       |                               |
| 2.0  | D33212F               | WEARPLATE FLAT                |
|  |                       |                               |
| <b>Comment:</b> Qty.: 1.0000 Each(s)/Unit Total: 10.0000 Each(s)<br><b>WEARPLATE</b>   |                       |                               |
| 3.0  | PACKAGING 1           | PACKAGING RESOURCE #1         |
|  |                       |                               |
| <b>Comment:</b> PACKAGING RESOURCE #1<br>Recieve & Inspect for Transit Damage<br>Ensure Material Release Note is attached  |                       |                               |
| 4.0  | QC6                   | DIMENSIONAL CHECK             |
|  |                       |                               |
| <b>Comment:</b> DIMENSIONAL CHECK<br>Inspect dimensions as per inspection template D3321-2T1   |                       |                               |
| 5.0  | SMALL FAB 1.          | SMALL & MEDIUM FAB RESOURCE 1 |
|  |                       |                               |
| <b>Comment:</b> SMALL & MEDIUM FAB RESOURCE 1<br>Deburr if necessary   |                       |                               |

| W/O: |      | WORK ORDER CHANGES |  |  |    |      |     |                                     |                          |
|------|------|--------------------|--|--|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   |  |  | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |  |  |    |      |     |                                     |                          |
|      |      |                    |  |  |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |  |  |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|--|--|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |  |  |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |  |  |
|      |      |                                  |                             |                                 |                |                           |                       |                          |  |  |
|      |      |                                  |                             |                                 |                |                           |                       |                          |  |  |
|      |      |                                  |                             |                                 |                |                           |                       |                          |  |  |

NOTE: Date & initial all entries

Date: Saturday, 11/19/2005 8:08:29 AM  
User: Linda Lacelle

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE

Job Number: 24634

Part Number: D33212

Job Number:



Seq. #: Machine Or Operation:

Description :

13.0 DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

Job Completion



| W/O: |      | WORK ORDER CHANGES |  |    |      |     |                                     |                          |
|------|------|--------------------|--|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   |  | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |  |    |      |     |                                     |                          |
|      |      |                    |  |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries

Job Costing Report

Dart Aerospace Ltd.  
Hawkesbury

Nov 08, 2005  
12:41 pm

|                        |        |                          |                              |         |
|------------------------|--------|--------------------------|------------------------------|---------|
| Work Order No          | :      | 0024634                  | Department Code:             |         |
| Project Name           | :      | D3321-2                  | Burden Flags : NNNNNNN       |         |
| Project For            | :      | WK543                    | WO Status : Open             |         |
| Work Order Type        | :      | Main                     | Invoice State : Not Invoiced |         |
| Main WO Number         | :      |                          | Invoice Date :               |         |
| House Part Number      | :      | D3321-2                  | Invoice Number :             |         |
| Description            | :      | Wearplate, RH Fwd LH Mid | Invoice Amount : 0.00        |         |
| Manufactured           | :      | Yes                      |                              |         |
| Amount Req'd           | :      | 10                       |                              |         |
| Amount Done            | :      | 0                        | Order Entry No :             |         |
| Start Date             | :      | 10-20-05                 | OE Value : 0.00              |         |
| Est Finish Date        | :      | 10-31-05                 |                              |         |
| Act Finish Date        | :      |                          | Est Margin : 0.000%          |         |
| Drawings Reqd          | :      | No                       | Actual Margin : 0.000%       |         |
| Ok for Approval        | :      |                          |                              |         |
| Approval Rec'd         | :      |                          | \$0 Posted to Finished Goods |         |
|                        |        |                          |                              |         |
| Estimated              | Actual | Var. %                   | Posted                       | To Post |
| =====                  | =====  | =====                    | =====                        | =====   |
| Material Cost          | :      | 0.00                     | 0.00                         | 0.00    |
| Engineering Hours      | :      | 0.00                     | 0.00                         | 0.00    |
| Engineering Cost       | :      | 0.00                     | 0.00                         | 0.00    |
| Production Hours       | :      | 0.00                     | 0.00                         | 0.00    |
| Production Cost        | :      | 0.00                     | 0.00                         | 0.00    |
| Packaging Hours        | :      | 0.00                     | 0.00                         | 0.00    |
| Packaging Cost         | :      | 0.00                     | 0.00                         | 0.00    |
| OverHead Hours         | :      | 0.00                     | 0.00                         | 0.00    |
| OverHead Cost          | :      | 0.00                     | 0.00                         | 0.00    |
| CNC Hours              | :      | 0.00                     | 0.00                         | 0.00    |
| CNC                    | :      | 0.00                     | 0.00                         | 0.00    |
| Misc. Hours            | :      | 0.00                     | 0.00                         | 0.00    |
| Misc.                  | :      | 0.00                     | 0.00                         | 0.00    |
|                        | =====  | =====                    | =====                        | =====   |
| Burden                 | :      | 0.00                     | 0.00                         | 0.00    |
|                        | =====  | =====                    | =====                        | =====   |
| Total Cost             | :      | 0.00                     | 0.00                         | 0.00    |
| Margin                 | :      | 0.000                    | 0.000                        |         |
| Selling Cost           | :      | 0.00                     | 0.00                         |         |
|                        |        |                          |                              |         |
| Estimated              | Actual |                          |                              |         |
| Labour Hrs/Amount Done | :      | 0.00                     | 0.00                         |         |
| Profits/ (Loss)        | :      | 0.00                     | 0.00                         |         |